Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 03 Dec 2023 until 23:59 on Monday 04 Dec 2023

Forecast Issued on Saturday 02 Dec 2023 at 12:46

Confidence: High for overall cold conditions, lower for snow detail. Confidence decreasing through the start of next week.

Headline for Sunday 03 Dec 2023: Some snow at first, becoming drier and brighter through the morning.

Mountain weather hazards on Sunday 03 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
60%	60%	40%	20%	10%	10%	10%	10%

Forecast for Sunday 03 Dec 2023

Weather: Outbreaks of mainly light snow will continue through the early hours. Remaining cloudy through the morning but then breaking up to allow bright or sunny spells into the afternoon, with clear spells through the evening.

Chance of cloud-free hill tops above 600m: 10%, improving 40-60% from midday.

Low Cloud and visibility: Broken or overcast cloud base 500-700m, occasionally lowering to 400m, breaking to become scattered by midday, and lifting during the afternoon. Visibility poor in snow or hill fog, moderate or good for the rest of the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 03 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/15 S	7/11 S	4/7 SE	4/6 E	5/7 E	4/7 E	5/9 E	7/11 NE	10/17 NE
300	5/12 S	4/10 SE	3/7 SE	3/7 E	4/7 E	3/7 E	4/8 NE	5/11 NE	8/16 NE
Valley	5/10 E	5/9 E	4/8 E	4/8 E	3/7 E	4/7 NE	4/8 NE	4/8 NE	7/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-6	-2/-5	-2/-4	-1/-4	-1/-4	-2/-5	-2/-6	-2/-7
300	-1/-3	-0/-3	-0/-2	-0/-2	1/-1	1/-1	-0/-3	-0/-3	-0/-4
Valley	1/-2	1/-2	1/-1	1/-1	2/1	2/-0	0/-2	0/-2	0/-3
Freezing Level*	300m	300m	300m	300m	400m	400m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold, especially at height, be prepared with appropriate layers and be aware of snow underfoot.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 02 Dec 2023	0mm	1mm	1.4mm

Forecast for Monday 04 Dec 2023

Weather: Patchy low cloud and bright or sunny spells for most of the day on Monday. Low cloud and rain arriving from the east from late afternoon, falling as sleet or snow above around 600m. Turning heavier during the evening.

Maximum wind: Northeasterly 10-15 mph, increasing to 20 mph gusting 30 mph into the evening.

Chance of cloud-free hill tops above 600m: 40-60%, decreasing to 10% into the evening.

Low Cloud and visibility: Scattered cloud base 500-700m during the day, becoming broken into the evening. Visibility poor in hill fog or snow, moderate in rain, otherwise good.

Temperature: **Valleys:** Plus 1 to 3 Celsius
At 600m: Minus 3 to zero Celsius
Freezing level: 200-400m, increasing 600-800m later

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